PATENT NO.   : 6,911,921 B2
DATED   : June 28, 2005
INVENTOR(S) : Widmer

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1,
Line 23, before "transmission" and after "partitioned" replace "8B/00B" with -- 8B/10B --.

Column 5,
Line 22, replace "D16   0* 0 0 0 0" with -- D16   0* 0 0 0 1 --.

Column 6,
Line 47, replace "$S1=PDFS6 \cdot C \cdot D \cdot E' \cdot (A \neq D)$" with -- $S1= PDFS6 \cdot C \cdot D \cdot E' \cdot (A \neq B)$ --.

Line 59, replace "$S2=NDFS6 \cdot A' \cdot C' \cdot D' \cdot (8 \neq E)$" with

-- $S2=NDFS6 \cdot A' \cdot C' \cdot D' \cdot (B \neq E)$ --.

Column 7,
Line 20, replace
"$f=F'+G \cdot H \cdot S1+G \cdot H \cdot S2+G \cdot H \cdot K \cdot E$" with -- $f=F'+G \cdot H \cdot S1+G \cdot H \cdot S2+G \cdot H \cdot K \cdot E$ --.
Lines 22-23, replace
"$f=F+G \cdot H \cdot C \cdot D \cdot E' \cdot (A \neq B) \cdot PDFS6+G \cdot H \neq A' \cdot C' \cdot D' \cdot (B \neq E) \cdot NDFS6+$" $G \cdot H \cdot K \cdot E$" with

-- $f'=F'+G \cdot H \cdot C \cdot D \cdot E' \cdot (A \neq B) \cdot PDFS6+G \cdot H \cdot A' \cdot C' \cdot D' \cdot (B \neq E) \cdot NDFS6+G \cdot H \cdot K \cdot E$ --.

Column 9,
Line 20, replace "$PDRS6=E' \cdot (A \neq B) \cdot (C \neq D)+A' \cdot (B \neq C) \cdot (D \neq E)+B' \cdot C' \cdot E \cdot (A \neq D)+E \neq K$"
with -- $PDRS6=E' \cdot (A \neq B) \cdot (C \neq D)+A' \cdot (B \neq C) \cdot (D \neq E)+B' \cdot C' \cdot E \cdot (A \neq D)+E \cdot K$ --.
Line 32, replace "D/K30   0 1 1 1" with -- D/K30   0 1 1 1 1 --.
Line 34, after "The vectors D7 and D/K23 can be identified by" replace "$A \cdot B \cdot C \cdot D \cdot$."
with -- $A \cdot B \cdot C \cdot D'$. --.
Line 40, replace "MDRS6 =" with -- NDRS6 = --.

Column 10,
Line 42, replace "$WB6=A \infty \cdot B' \cdot D' \cdot E'$." with -- $WB6=A' \cdot B' \cdot D' \cdot E'$. --.

Column 14,
Line 40, replace "D/K230" with -- D/K23 --.
Line 41, replace "D/K270" with -- D/K27 --.

Column 15,
Line 13, replace "$n5=a' \cdot b \cdot e' \cdot i \cdot (c \neq d)+a' \cdot b' \cdot c \neq i \neq (d \neq e)$" with

-- $n5=a' \cdot b \cdot e' \cdot i \cdot (c \neq d)+a' \cdot b' \cdot c \cdot i \cdot (d \neq e)$ --.

Line 25, replace "$CMPLe=CMPL5+a' \cdot b \cdot c' \cdot d' \cdot e \neq i$" with

-- $CMPLe=CMPL5+a' \cdot b \cdot c' \cdot d' \cdot e \cdot i$ --.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.　: 6,911,921 B2
DATED　　　: June 28, 2005
INVENTOR(S)　: Widmer

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 15 (cont'd),
Line 47, before "used" and after "are" delete "use".

Column 17,
Line 67, replace "$n19=a' \cdot b' \cdot c' \cdot d \cdot (e\infty+i')$" with -- $n19=a' \cdot b' \cdot c' \cdot d \cdot (e'+i')$ --.

Column 19,
Line 39, replace "$CMPLg=(c' \cdot d' \cdot e' \cdot i') \cdot (f \neq g) \cdot (h \neq j) \neq (f \cdot h)' + g' \cdot h \cdot j + g \cdot h' \cdot j + (f \neq j) \cdot g' \cdot$" with

-- $CMPLg=(c' \cdot d' \cdot e' \cdot i') \cdot (f \neq g) \cdot (h \neq j) \cdot (f \cdot h)' + g' \cdot h \cdot j + g \cdot h' \cdot j + (f \neq j) \cdot g'$ --.

Colum 20,
Line 67, after "Where" replace "$P22=(a \neq b) \cdot (e \neq d) + (a=b) \cdot (c=d) \cdot (b \neq c)$" with

-- $P22=(a \neq b) \cdot (c \neq d) + (a=b) \cdot (c=d) \cdot (b \neq c)$ --.

Column 21,
Line 60, replace "PDFBY=PDUBY_LAST+PDFBY_LAST•NDUBY_LAST" with
-- PDFBY=PDUBY_LAST+PDFBY_LAST•NDUBY_LAST' --.

Column 22,
Line 30, replace "PDFBY0=PDUBY3_LAST+PDFBY3_LAST•NDUBY3_LAST" with
-- PDFBY0=PDUBY3_LAST+PDFBY3_LAST•NDUBY3_LAST' --.
Line 31, replace "NDFBY0=NDUBY3_LAST+NDFBY3_LAST•PDUB3Y3_LAST"
with -- NDFBY0=NDUBY3_LAST+NDFBY3_LAST•PDUBY3_LAST' --.

Column 23,
Line 10, replace "PNDFBYL=PDFBY1'" with -- PNDFBY1=PDFBY1' --.

Column 25,
Line 48, replace "$i=C' \cdot D' \cdot E' \cdot (K \cdot A)' + A' \cdot B' \cdot C' \cdot D' + A' \cdot B' \cdot E' \cdot (C \neq D) + A \neq B \cdot C \cdot D$" with

-- $i=C' \cdot D' \cdot E' \cdot (K \cdot A)' + A' \cdot B' \cdot C' \cdot D' + A' \cdot B' \cdot E' \cdot (C \neq D) + A \cdot B \cdot C \cdot D$ --.

Column 28,
Line 2, before "wherein" delete "and".

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

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DATED   : June 28, 2005
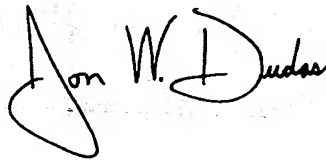INVENTOR(S) : Widmer

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

<u>Column 29,</u>
Line 14, before "operative" and after "claim 13" replace "farther" with -- further --.

Signed and Sealed this

First Day of November, 2005

JON W. DUDAS
Director of the United States Patent and Trademark Office